D. View Video Stream from Remote / Internet.............................

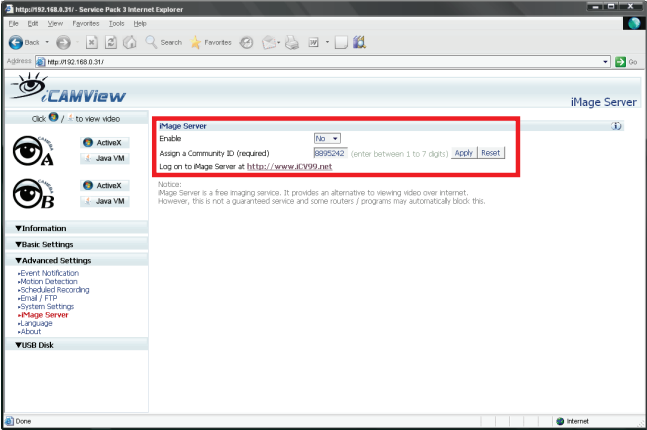There are two methods to Viewing the Video Stream from Remote.

Method A: *Using iMage Server.*
iMage Server is a free service designed to remotely view video without the need to set up DDNS or Port Forwarding.
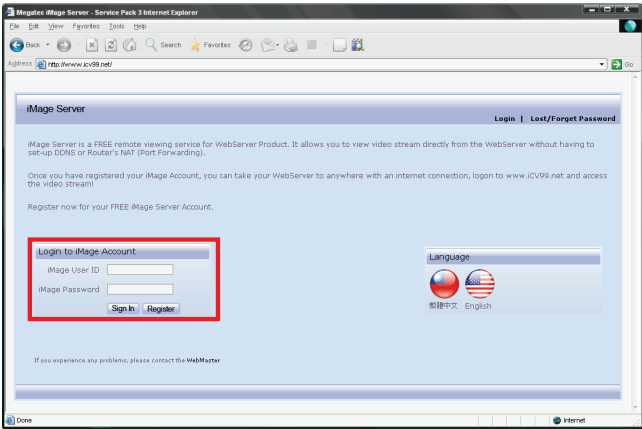
> ⓘ iMage Server function works only with Windows Explorer and with ActiveX.

Step 1: Enable the feature in your server.
Goto **Advanced Settings** --> **iMage Server**. Select **Yes** to enable and assign a **Community ID**. Click **Apply**.
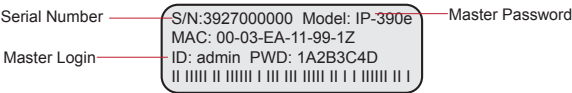
> ⓘ By default, the Community ID is pre-assigned. User can also decide to assign a different number. Changing the Community ID here, will result in iMage account that is previously registered to loose access. User must key in the correct Community ID to view.

Step 2: Goto iMage Server to register a new account.
Make sure you have internet connection. Logon to
http://www.iCV99.net --> click **Register**.

To register, you will need;
a. the Community ID set above, and
b. Information shown on product label (located underneath the unit).

Serial Number ———— S/N:3927000000 Model: IP-390e ———— Master Password
                    MAC: 00-03-EA-11-99-1Z
Master Login ———— ID: admin PWD: 1A2B3C4D
                    ‖‖ ‖‖‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖‖‖ ‖‖‖ ‖‖‖‖ ‖‖ ‖ ‖‖‖‖‖ ‖‖ ‖
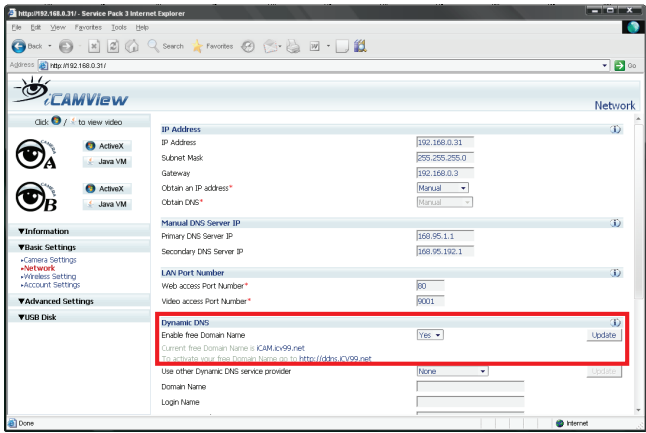
Once registered;
a. Use your new iMage User ID and Password to **Sign In**
b. Click **Add / Remove Unit**
c. Enter the **Serial Number** and **Community ID** of units to monitor.
d. Return to main list page and click the eye icon to view video stream!

> ⓘ **NOTE:**
> If no image is shown, click "Help" in iMage Server to see how to do UDP port forwarding.
>
> iMage Server is a free but not a guaranteed service. Some routers or programs may block the UDP video stream. In which case, UDP port forwarding is necessary. If this method of viewing is not supported, then consider Method B.

Method B: *Using DDNS and setting Port Forwarding.*
This method allows user to remotely view video *and* access the Web User Interface.

Step 1: Register a Domain Name
Each unit is preassigned a unique Domain Name. To activate it,
a. Goto **Basic Settings** --> **Networks** --> **Dynamic DNS**
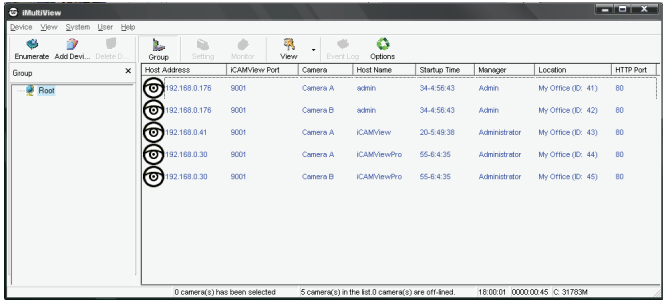b. Choose **Enable Free Domain Name** --> **Yes**

Step 2: Goto your Router & configure Port Forwarding / Virtual Server.
Two types of port must be forwarded. TCP and UDP as follows:
 a. (LAN IP) **TCP** port 80 --> (WAN IP) **TCP** port 80
 b. (LAN IP) **UDP** port 9001 --> (WAN IP) **UDP** port 9001

> ⓘ For complete details on port forwarding see User Manual's Appendix A

Once port forwarding is done, you are also able to remotely view images from your PDA / PC that does not support ActiveX / Java.

To do so:
1. Make sure **Method B** (Step 1 & 2) are done.
2. Open a browser and enter http://x.x.x.x/pda.cgi (where x.x.x.x. is either the domain name / WAN IP).

E. Watch & Manage Multiple IP Cameras....................................

1. Insert the Utility CD into the CD-ROM drive and install iMultiView. Run iMultiView after installation finish.
2. Enter the CD Key shown on the Utility CD when prompted. CD Key is required if software is reinstalled.
3. Click **Enumerate** to automatically search for similiar IP Cams in LAN.
4. Click **Add Device** to add the IP address.
5. Double click on the eye to see the video.

F. Reset IP Camera User Account..

The Master Login and Master Password is unique to each unit. It is located on the label at the back of the unit. Use it to reset lost or forgotten account password.

1. Goto a PC that is in the same LAN as your IP Camera.
2. RUN Internet Explorer and type in http://x.x.x.x/password.cgi (where x.x.x.x is the IP Camera's LAN IP, check this using iCAMView Utility)
3. Enter; ID = *admin*   and Password = ******** (see *product label*)

> **NOTE:**
> The password is case sensitive. This method can also be used to reveal password set to the iCAMView Utility program.

G. Hardware Reset to Factory Default.......................................

1. Unplug the power and LAN cable,
2. While holding down the pin-hole reset button, replug the power. You'll notice the both the LAN light blinks 3x then goes off.
3. While still keeping the pin-hole button held down, wait for about **45 seconds**. This cause the system to delete, reset and reboot.
4. The LAN lights will blink once, signalling the reset.

The unit should now be reset to factory default and will reboot.
Connect the LAN cable and it will seach for the DHCP IP.